

2125880800

DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE)
(Under 37 CFR § 1.63; with Power of Attorney)
FROMMER LAWRENCE & HAUG LLP

FLH File No. 450117-04802

As a below named inventor, I hereby declare that:
 My residence, post office address and citizenship are as stated below next to my name,
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first
 and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is
 sought on the invention ENTITLED:

IMPROVEMENTS TO THE RESPONSE OF NEGATIVE-TYPE LIQUID CRYSTALS BY THE ADDITION OF DOPANTS
 the specification of which

X is attached hereto.

_____ was filed on _____ as Application Serial No. _____,
 with amendment(s) through _____ (if applicable, give dates).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including
 the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me
 to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s)
 for patent or inventor's certificate listed below and have also identified below any foreign application for patent or
 inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	[list additional applications on separate page]:	<u>Priority Claimed:</u>
<u>Number:</u> 02 023 817.6	<u>Country:</u> Europe	<u>Filed (Day/Month/Year):</u> 23 October 2002
		<u>Yes</u> <u>No</u> X

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed
 below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United
 States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the
 duty to disclose to the United States Patent and Trademark Office all information known to me to be material to
 patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing
 date of the prior application and the national or PCT international filing date of this application:

<u>Prior U.S. Application(s)</u>	[list additional applications on separate page]:
<u>Appln. Ser. Number:</u>	<u>Filed (Day/Month/Year):</u>
	<u>Status (patented, pending, abandoned):</u>

I hereby appoint WILLIAM S. FROMMER, Registration No. 25,506, and DENNIS M. SMID, Registration No. 34,930
 or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this
 application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to
 receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection
 therewith, and specify that all communications about the application are to be directed to the following correspondence
 address:

WILLIAM S. FROMMER, Esq.
 c/o FROMMER LAWRENCE & HAUG LLP
 745 Fifth Avenue
 New York, New York 10151

Direct all telephone calls to:
 (212) 588-0800
 to the attention of:
WILLIAM S. FROMMER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on
 information and belief are believed to be true; and further that these statements were made with the knowledge that
 willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of
 Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application
 or any patent issued thereon.

INVENTOR(S):

Signature: _____

Full name of sole or first inventor: _____

Residence: _____

Citizenship: _____

P.O. Address: _____

Anthony ROBERTS
 Stuttgart, Germany
 U.K.

c/o Advanced Technology Center Stuttgart
 SONY International (Europe) GmbH
 Heinrich-Hertz-Strasse 1
 D-70327 Stuttgart - GERMANY

Date: 6/10/03

Signature: _____

Full name of 2nd joint inventor (if any): _____

Residence: _____

Citizenship: _____

P.O. Address: _____

Akira MASUTANI
 Kernen, Germany
 Japan
 c/o Advanced Technology Center Stuttgart
 SONY International (Europe) GmbH
 Heinrich-Hertz-Strasse 1
 D-70327 Stuttgart - GERMANY

Date: 13/10/03

Post Office Address(es) of inventor(s):

[If all inventors have the same post office address]
 [Similarly list additional inventors on separate page]

Note: A post office address must be provided for each inventor.

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FLH File No. 450117-04802

ADDITIONAL INVENTORS

Signature: *Akio Yasuda*
Full name of 3rd joint inventor (if any):
Residence:
Citizenship:
P.O. Address:

Akio YASUDA
Stuttgart, Germany
Japan
c/o Advanced Technology Center Stuttgart
SONY International (Europe) GmbH
Heinrich-Hertz-Strasse 1
D-70327 Stuttgart - GERMANY

Date:

02.10.03

Signature: *Bettina Schüller*
Full name of 4th joint inventor (if any):
Residence:
Citizenship:
P.O. Address:

Bettina SCHÜLLER
Stuttgart, Germany
Germany
c/o Advanced Technology Center Stuttgart
SONY International (Europe) GmbH
Heinrich-Hertz-Strasse 1
D-70327 Stuttgart - GERMANY

Date:

02.10.03

Signature: _____
Full name of 5th joint inventor (if any):
Residence:
Citizenship:
P.O. Address:

Shunichi HASHIMOTO
Kanagawa, Japan
Japan
c/o SONY Corporation
6-7-35 Kitashinagawa
Shinagawa-ku
Tokyo 11-0001 - JAPAN

Date: _____

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Prior Foreign Application(s) (list additional applications on separate page): Priority Claimed:

<u>Number:</u>	<u>Country:</u>	<u>Filed (Day/Month/Year):</u>	<u>Yes</u>	<u>No</u>
02 023 817.6	Europe	23 October 2002	X	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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Appln. Ser. Number: Filed (Day/Month/Year): Status (patented, pending, abandoned):

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INVENTOR(S):

Signature: _____

Date: _____

Full name of sole or first inventor: _____

Anthony ROBERTS

Residence: _____

Stuttgart, Germany

Citizenship: _____

U.K.

P.O. Address: _____

c/o Advanced Technology Center Stuttgart
 SONY International (Europe) GmbH
 Heinrich-Hertz-Strasse 1
 D-70327 Stuttgart - GERMANY

Signature: _____

Date: _____

Full name of 2nd joint inventor (if any): _____

Akira MASUTANI

Residence: _____

Kernen, Germany

Citizenship: _____

Japan

P.O. Address: _____

c/o Advanced Technology Center Stuttgart
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 Heinrich-Hertz-Strasse 1
 D-70327 Stuttgart - GERMANY

Post Office Address(es) of inventor(s):

[If all inventors have the same post office address]

[Similarly list additional inventors on separate pages]

Note: A post office address must be provided for each inventor.

ADDITIONAL INVENTORS

Signature: _____ Date: _____
Full name of 3rd joint inventor (if any): Akio YASUDA
Residence: Stuttgart, Germany
Citizenship: Japan
P.O. Address: c/o Advanced Technology Center Stuttgart
SONY International (Europe) GmbH
Heinrich-Hertz-Strasse 1
D-70327 Stuttgart - GERMANY

Signature: _____ Date: _____
Full name of 4th joint inventor (if any): Bettina SCHÜLLER
Residence: Stuttgart, Germany
Citizenship: Germany
P.O. Address: c/o Advanced Technology Center Stuttgart
SONY International (Europe) GmbH
Heinrich-Hertz-Strasse 1
D-70327 Stuttgart - GERMANY

Signature: Shunichi Hashimoto Date: Oct. 17, 2003
Full name of 5th joint inventor (if any): Shunichi HASHIMOTO
Residence: Kanagawa, Japan
Citizenship: Japan
P.O. Address: c/o SONY Corporation
6-7-35 Kitashinagawa
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